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	Filing Date		2005-12-14	
	First Named Inventor	Chris D. Geddes		
	Art Unit	2858		
	Examiner Name			
Attorney Docket Number		014835-101.02-029		

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1	AMBROSE, W. P. et al.; Single Molecule Fluorescence Spectroscopy at Ambient Temperature; Chem. Rev.; 1999, pp 2929-2956, Vol. 99; USA.	<input type="checkbox"/>
2	BOHME, P. et al.; Self-Assembled Monolayers on Polymer Surfaces: Kinetics, Functionalization, and Photopatterning; Langmuir; 1999; pp. 5323-5328; Vol. 15.	<input type="checkbox"/>
3	RIVAS, L. et al.; Growth of Silver Colloidal Particles Obtained by Citrate Reduction To Increase the Raman Enhancement Factor; Langmuir; 2001; pp. 574-577; Vol. 17.	<input type="checkbox"/>
4	BRIGHT, R. M. et al.; Preparation and Characterization of Ag Colloid Monolayers; Langmuir; 1998; pp. 5695-5701; Vol. 14.	<input type="checkbox"/>
5	NI, F. and COTTON, T. M.; Chemical Procedure for Preparing Surface-Enhanced Raman Scattering Active Silver Films; Analytical Chemistry; 1986; pp. 3159-3163; Vol. 58; USA.	<input type="checkbox"/>
6	LINK, S. and EL-SAYED, M. A.; Spectral Properties and Relaxation Dynamics of Surface Plasmon Electronic Oscillations in Gold and Silver Nanodots and Nanorods; J. Phys. Chem. B; 1999; pp. 8410-8426; Vol. 103; USA.	<input type="checkbox"/>
7	CARUSO, F. et al.; Nanoengineering of Inorganic and Hybrid Hollow Spheres by Colloidal Templating; Science; Nov. 1998; pp. 1111-1114; Vol. 282 (5391).	<input type="checkbox"/>
8	YEE, J. K. et al.; Modification of Quartz Surfaces via Thiol-Disulfide Interchange; Langmuir; 1991; pp. 307-313; Vol. 7.	<input type="checkbox"/>
9	LENIGK, R. et al.; Surface Characterization of a Silicon-Chip-Based DNA Microarray; Langmuir; 2001; pp. 2497-2501; Vol. 17.	<input type="checkbox"/>
10	OKAMOTO, T. et al.; Microarray fabrication with covalent attachment of DNA using Bubble Jet technology; Nature Biotechnology; April 2000; pp. 438-441; Vol. 18.	<input type="checkbox"/>
11	MANDAL, S. et al.; Studies on the Reversible Aggregation of Cysteine-Capped Colloidal Silver Particles Interconnected via Hydrogen Bonds; Langmuir; 2001; pp. 6262-6268; Vol. 17.	<input type="checkbox"/>

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12	LAZARIDES, A. A. and SCHATZ, G. C.; DNA-Linked Metal Nanosphere Materials; Structural Basis for the Optical Properties, J. Phys. Chem. B; 2000; pp. 460-467; Vol. 104; USA.	<input type="checkbox"/>
13	GRAHAM, D. et al.; Selective Detection of Deoxyribonucleic Acid at Ultralow Concentrations by SERRS; Analytical Chemistry; 1997; pp. 4703-4707; Vol. 69.	<input type="checkbox"/>
14	SUN, Y.-P. et al.; Strong Optical Limiting of Silver-Containing Nanocrystalline Particles in Stable Suspensions; J. Phys. Chem. B; 1999; pp. 77-82; Vol. 103.	<input type="checkbox"/>
15	GEDDES, C. D. et al.; 1- and 2-Photon Fluorescence Anisotropy Decay in Silicon Alkoxide Sol - Gels: Interpretation in Terms of Self-assembled Nanoparticles; J. Phys. Chem. B; 2002; pp. 3835-3841; Vol. 106.	<input type="checkbox"/>
16	ESUMI, K. et al.; Role of Poly(amidoamine) Dendrimers for Preparing Nanoparticles of Gold, Platinum, and Silver; Langmuir; 2000; pp. 2604-2608; Vol. 16.	<input type="checkbox"/>
17	FOLDES-PAPP, Z. et al.; Fluorescent high-density labeling of DNA: error-free substitution for a normal nucleotide; Journal of Biotechnology; 2001; pp. 237-253; Vol. 86.	<input type="checkbox"/>
18	GRYCZYNSKI, I. et al.; The CFS Engineers the Intrinsic Radiative Decay Rate of Low Quantum Yield Fluorophores; Journal of Fluorescence; March 2002; pp. 11-13; Vol. 12, No. 1.	<input type="checkbox"/>
19	DIASPRO, A.; Introduction to Two-Photon Microscopy; Microscopy Research and Technique; 1999; pp. 163-164; Vol. 47.	<input type="checkbox"/>
20	GRAHAM, D. et al.; Surface-Enhanced Resonance Raman Scattering as a Novel Method of DNA Discrimination; Angew. Chem. Int. Ed.; 2000; pp. 1061-1063; Vol. 39, No. 6.	<input type="checkbox"/>
21	COMOR, M. I. and NEDELJKOVIC, J. M.; Enhanced photocorrosion stability of colloidal cadmium sulphide-silica nanocomposites; Journal of Materials Science Letters; 1999; pp. 1583-1585; Vol. 18.	<input type="checkbox"/>
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23	PASTORIZA-SANTOS, I. et al.; Self-Assembly of Silver Particle Monolayers on Glass from Ag ⁺ Solutions in DMF; Journal of Colloid and Interface Science; 2000; pp. 236-241; Vol. 221.	<input type="checkbox"/>
24	DE SAJA-GONZALEZ, J. et al.; Spectroscopic characterization and Langmuir-Blodgett films of N,N'-bis(3-aminophenyl)-3,4:9,10-perylenebis(dicarboximide); Materials Science and Engineering C 5; 1998. pp. 297-299.	<input type="checkbox"/>
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26	CONSTANTINO, C. J. L. and AROCA, R. F.; Surface-enhanced resonance Raman scattering imaging of Langmuir-Blodgett monolayers of bis(benzimidazo)perylene on silver island films; Journal of Raman Spectroscopy; 2000; pp. 887-890; Vol. 31.	<input type="checkbox"/>
27	CONSTANTINO, C. J. L. et al.; Surface enhanced fluorescence and Raman imaging of Langmuir-Blodgett azopolymer films; Spectrochimica Acta Part A; 2001; pp. 281-289; Vol. 57.	<input type="checkbox"/>
28	GAROFF, S. et al.; Electrodynamics at rough metal surfaces: Photochemistry and luminescence of adsorbates near metal-island films; J. Chem. Phys.; Dec. 1984; pp. 5189-5200; Vol. 81(11).	<input type="checkbox"/>
29	LINK, S. and EL-SAYED, M. A.; Shape and size dependence of radiative, non-radiative and photothermal properties of gold nanocrystals; Int. Reviews in Physical Chemistry; 2000; pp. 409-453; Vol. 19, No. 3.	<input type="checkbox"/>
30	CHEN, C. J. and OSGOOD, R. M.; Direct Observation of the Local-Field-Enhanced Surface Photochemical Reactions; Physical Review Letters; May 1983; pp. 1705-1708; Vol. 50, No. 1. USA	<input type="checkbox"/>
31	AMOS, R. M. and BARNES, W. L.; Modification of spontaneous emission lifetimes in the presence of corrugated metallic surfaces; Physical Review B; March 1999; pp. 7708-7714; Vol. 59, No. 11; USA.	<input type="checkbox"/>
32	HUANG, Z. et al.; Spontaneous Lifetime and Quantum Efficiency in Light Emitting Diodes Affected by a Close Metal Mirror; IEEE Journal of Quantum Electronics; Dec. 1993; pp. 2940-2949; Vol. 29, No. 12.	<input type="checkbox"/>
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34	LITTLE, S. F. and IVINS, B. E.; <i>Molecular pathogenesis of Bacillus anthracis infection</i> ; <i>Microbes and Infection</i> ; 1999; pp. 131-139; Vol. 2.	<input type="checkbox"/>
35	STRICKLER, S. J. and BERG, R. A.; <i>Relationship between Absorption Intensity and Fluorescence Lifetime of Molecules</i> ; <i>The Journal of Chemical Physics</i> ; August 1962; pp. 814-822; Vol. 37, No. 4.	<input type="checkbox"/>
36	GEDDES, C. D. and LAKOWICZ, J. R.; <i>Metal-Enhanced Fluorescence</i> ; <i>Journal of Fluorescence</i> ; June 2002; pp. 121-129; Vol. 12, No. 2.	<input type="checkbox"/>
37	BENNER, R. E. et al.; <i>Angular Emission Profiles of Dye Molecules Excited by Surface Plasmon Waves at a Metal Surface</i> ; <i>Optics Communications</i> ; August 1979; pp. 145-149; Vol. 30, No. 2.	<input type="checkbox"/>
38	CAMPION, A. et al.; <i>Electronic Energy Transfer to Metal Surfaces: A Test of Classical Image Dipole Theory at Short Distances</i> ; <i>Chemical Physics Letters</i> ; August 1980; pp. 447-450; Vol. 73, No. 3.	<input type="checkbox"/>
39	FLEISCHMANN, M. et al.; <i>Raman Spectra of Pyridine Adsorbed at a Silver Electrode</i> ; <i>Chemical Physics Letters</i> ; May 1974; pp. 163-166; Vol. 26, No. 2.	<input type="checkbox"/>
40	WOKAUN, A. et al.; <i>Energy transfer in surface enhanced luminescence</i> ; <i>J. Chem. Phys.</i> ; July 1983; pp. 509-514; Vol. 79(1); USA.	<input type="checkbox"/>
41	VO-DINH, T.; <i>Surface-enhanced Raman spectroscopy using metallic nanostructures</i> ; <i>Trends in Analytical Chemistry</i> ; 1998; pp. 557-582; Vol. 17, Nos. 8+9.	<input type="checkbox"/>
42	SHIRTCLIFFE, N. et al.; <i>Reproducible Preparation of Silver Sols with Small Particle Size Using Borohydride Reduction For Use as Nuclei for Preparation of Larger Particles</i> ; <i>Journal of Colloid and Interface Science</i> ; 1999; pp. 122-129; Vol. 211.	<input type="checkbox"/>

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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
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